

GULYAYEV, A.P., MESHCHERINOVA, O.N., TRIFONOVA, T.N.

The effect of boron on the properties of alloyed structural steels.

SPECIAL STEELS AND ALLOYS (SPECIAL'NYYE STALI I SPALAVY), Collection of Studies, Issue 27, 240 pages, published by the State Scientific and Technical Publishing House for Ferrous and Non-Ferrous Metallurgy, Moscow, USSR, 1962.

GULYAYEV, A.P.; MESHCHERINOVA, O.N.; TRIFONOVA, T.N.

Effect of boron on the properties of alloyed structural steels.  
Sbor. trud. TSNIICHM no.27:29-46 '62. (MIRA 15:8)  
(Steel, Structural--Testing) (Boron)

MESHCHERINOVA, O.N., kand.tekhn.nauk; TRIFONOVA, T.N., inzh.; TORPANOVA, G.A., kand.tekhn.nauk; SMIRNOV, Ye.V., inzh.; BABAKOV, A.A., kand.tekhn.nauk; KAREVA, Ye.N., inzh.; ZHADAN, T.A., inzh.; TALOV, N.P., inzh.; TSIPKINA, Ye.D., kand.tekhn.nauk; DORONIN, V.M., inzh.; DAVYDOVA, L.N., inzh.; PRIDANTSEV, M.V., prof., doktor tekhn.nauk, red.; LIVSHITS, G.L., kand.tekhn.nauk, red.; BERLIN, Ye.N., red.izd-va; MIKRAYLOVA, V.V., tekhn.red.

[Steels with low nickel content: a handbook] Stali s ponizshen-  
nym soderzhaniem nikela; spravochnik. Pod red. M.V.Pridantseva  
i G.L.Livshitsa. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po  
chernoi i tsvetnoi metallurgii, 1961. 200 p.

(MIRA 14:12)

1. Direktor instituta kachestvennykh stalei TSentral'nogo  
nauchno-issledovatel'skogo instituta chernoy metallurgii im.  
I.P.Bardina (for Pridantsev).  
(Nickel steel)

GIRSHBERG, V.V., inzh.; BRODSKIY, Yu.A., inzh.; KIRSHMAN, R.V., inzh.;  
MALINOVSKAYA, Z.N., inzh.; TRIFONOVA, T.P., inzh.;  
KHODNEV, V.V., inzh.

Large-block units of electric power supply equipment for  
agriculture. Elektrotekhnika, 34 no.11:1-7 N '63.  
(MIRA 17:2)

RUSIN, N.P.; STRUZER, L.R.; SMIRNOV, S.A.; TRIFONOVA, T.S.

Letters to the editors. Izv.AN SSSR.Ser.geog. no.3:152 My-Je  
'62. (MIRA 15:5)  
(Geography)

TRIFONOVA, T.S.

Spatial variability of the characteristics of the snow cover. Trudy  
(MIRA 15:7)  
GGO no.130:29-37 '62.  
(Snow surveys)

VOLOKH, V.G.; GUSHCHINA, M.V.; IGRUNOV, V.D.; NECHAYEV, I.N.; POKROVSKAYA, I.A.; TRIFONOVA, T.S.; TSYGANOVA, A.M.; RUSIN, N.P., otv.red.; KITAYTSEV, A.M., red.; KUZ'MIN, L.A., red.; OLIMPOV, V.G., red.; SKITEYKIN, I.S., red.; BERLIN, I.A., red.; NECHAYEV, I.N., red.; SHCHERBAKOVA, L.F., red.; MARTYNOV, S.I., red.; SIMONOV, Ya.P., red.; IVANOV, A.P., red.; BESSONOV, N.P., red.; YASNOLORODSKAYA, M.M., red.; VLADIMIROV, O.G., tekhn.red.

[Directions for hydrometeorological stations and posts] Nastavlenie gidrometeorologicheskim stantsiam i postam. Leningrad, Gidrometeor.izd-vo. No.3, pt.1. [Observations at meteorological stations] Meteorologicheskie nablyudeniiia na stantsiakh. 1958. 223 p.

(MIRA 12:12)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. 2. Sotrudniki Metodicheskogo otdela Glavnaya geofizicheskoy observatori im. A.I. Vayeykova (for Volokh, Gushchina, Igrunov, Nechayev, Pokrovskaya, Trifonova, TSyganova). 3. Glavnoye upravleniye Gidrometeorologicheskoy sluzhby SSSR (GUGMS) (for Kitaytsev, Kuz'min, Olimpov, Skiteykin). 4. Glavnaya geofizicheskaya observatoriya (GGO) (for Berlin, Nechayev, Rusin, Sherbakova). 5. Mestnyye upravleniya Gidrometeorologicheskoy sluzhby (for Martynov, Simonov, Ivanov, Bes- sonov).

(Meteorology--Observations)

GUSHCHINA, M.V.; TRIFONOVA, T.S.

Variation in time of snow cover characteristics and the  
selection of intervals between snow surveys. Trydy GGO no.108:  
26-41 '60. (MIRA 13:11)

(Snow surveys)

TRIFONOVA, T. S.

3(7) b.r PHASE I BOOK EXPLOITATION SOV/1719

Leningrad. Glavnaya geofizicheskaya observatoriya

Metodika meteorologicheskikh nablyudeniy (Methods of Meteorological Observation) Leningrad. Gidrometeoizdat, 1958. 55 p. (Series: Its: Trudy, vyp. 86) 1,200 copies printed.

Additional Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy sluzhby.

Ed. (Title page): Z.I. Pivovarova, Candidate of Geographical Science; Ed. (Inside book): T.V. Ushakova; Tech. Ed.: N.V. Volkov

PURPOSE: This issue is intended for meteorologists and especially for personnel of the hydrometeorological service.

COVERAGE: This issue discusses the methodology of meteorological, actinometric and gradient measurements and the processing of such data. Subdivisions of meteorology covered in some detail include:

Card 1/3

Methods of Meteorological Observation

SOV/1719

snow density, daily variation of relative humidity, soil temperature measurements, estimation of quantitative cloud cover, wind velocity measurement, and others. Individual articles are accompanied by bibliographic references.

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AVAILABLE: Library of Congress

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5-21-59

Card 3/3

ABRAMOVA, Ye.I.; TRIFONOVA, T.S.

Critical review of observations on soil surface temperature. Trudy  
GGO no.43:33-38 '54. (MIRA 11:5)  
(Soil temperature)

TRIFONOVA, T.S.

Methods of meteorological observations. Density variability of  
snow cover. Trudy GGO no.86:3-9 '58. (MIRA 11:11)  
(Snow)

KORSHUN, L.L.; TRIFONOVA, T.V.; PIRYATINSKIY, A.L.; BUGLAY, B.M.; SHURINA, I.I.

Fungicidal nitro varnishes based on oxyterpene resins. Der.prom.  
(MIRA 11:11)  
7 no.11:1-2 N '58.  
(Varnish and varnishing) (Fungicides)

TRIFONOVA, V.

"The Colorado Potato Beetle. p. 161", (KOOPERATIVNO ZIMEDELIE) Vol. 167, No. 5,  
May 1951, Sofiyea, Bulgaria.

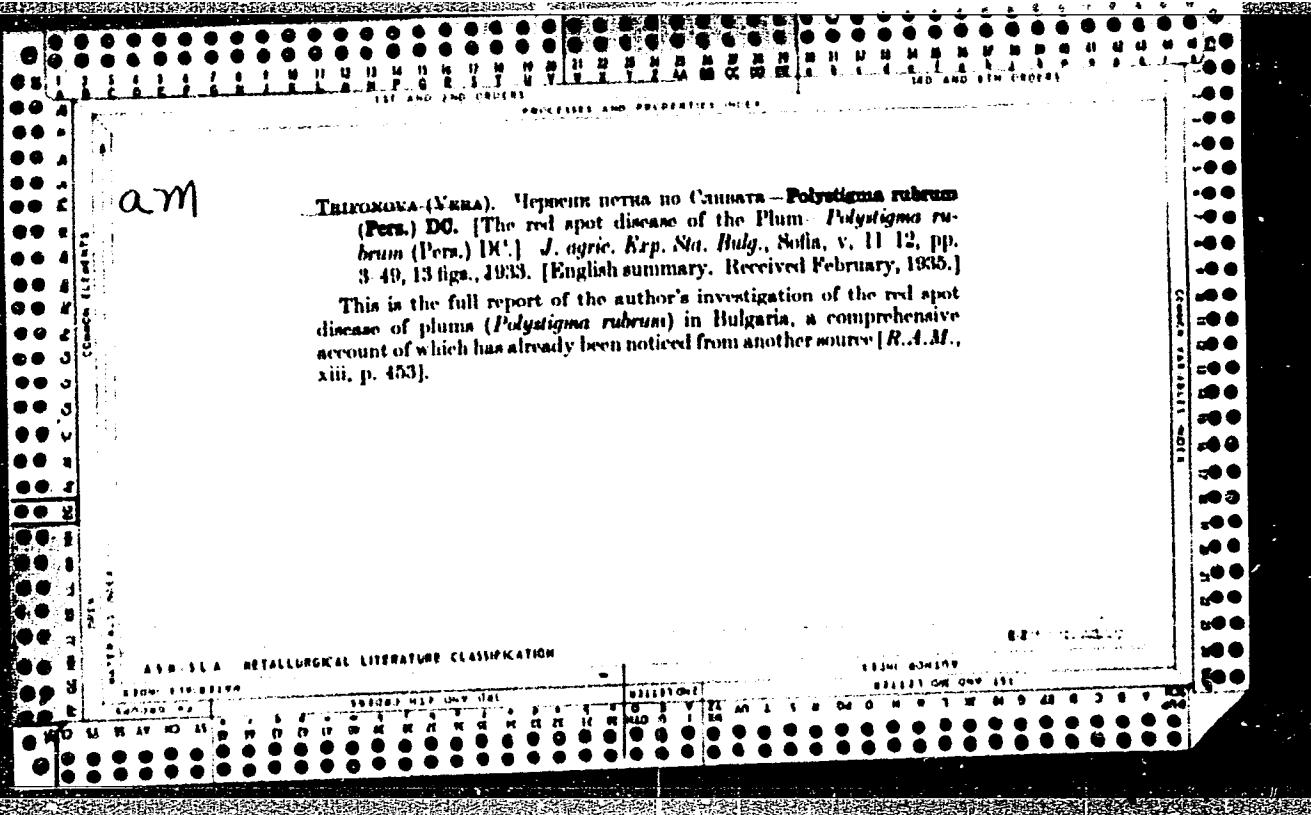
SO: Monthly List of East European Accessions L.C. Vol. 2, No. 11, Nov. 1953, Uncl.

TRIFONOVA, V.  
D. ATANASOFF, Yearbook Univ. of Sofia, Fac. of Agric., Sofia X,  
pp 341-366, 1932.

TRIFONOVA, V.P., PETROVICH, YU.A., KONOVETS, V.I., POGORZHAYA, R.P. (USSR)

"Investigation of some Properties of Collagenous Proteins with the  
Aid of Isotopic and Chromatographic Methods."

Report presented at the 5th Int'l. Biochemistry Congress,  
Moscow, 10-16 Aug 1961.



PETROVICH, Yu;A.; TRIFONOVA, V.P.

Inclusion of glycine-C<sub>14</sub> and methionine-S<sub>35</sub> in bone proteins in fractures. Vop. med. khim. 7 no.5:460-465 S-0 '61. (MIRA 14:10)

1. The Biochemical Laboratory of the Ukrainian Institute of Stomatology, Odessa.

(FRACTURES) (GLYCINE) (METHIONINE)  
(PROTEIN METABOLISM)

PETROVICH, Yu.A. (Odessa); SAPOGOVSKAYA, T.I. (Odessa); KONOVENTS, V.M.  
(Odessa); PODOROZHNAVA, R.P. (Odessa); TRIFONOVA, V.P. (Odessa)

Entry of labeled atoms into the tissues of the tooth and the  
paradentium. Probl.stom. 68132-137 '62. (MIRA 1633)  
(TEETH) (ISOTOPES--PHYSIOLOGICAL EFFECT) (GUMS)

TRIFONOVA, Ye.A., MARSHUKO, T.F.

Improving working conditions for ashmen in railroad transportation.  
Gig. i san. 23 no.8:73 Ag '58 (MIRA 11:9)

1. Iz dorozhnoj sanitarno-epidemiologicheskoy stantsii Yuzhno-Ural'skoy  
zheleznoy dorogi.  
(RAILROADS--SANITATION)

14/04/01 ✓  
J.E. /

COUNTRY	: USSR.
CATEGORY	: Zoological Parasitology. Acarida and Insects as Disease Vectors. Insects.
APS. JOUR.	: RZhNiol., No.14, 1950, No. 62678.
AUTHORS	: Romanovskiy, I. D.; Oleynik, K. T.. Trifonova,*
INST.	: Central-Asian Scientific-Research Anti-Pest
TITLE	: Fauna of the Fleas in Kara-Kalpakiya.
ORIG. PUB.	: Tr. Sredne-Aziatsk. n.-i. protivochumn. in-ta, 1956, vyp. 2, 127-133.
ABSTRACT	: A list of 48 species and 2 subspecies of fleas belonging to 20 genera of 5 families; a brief notation on the hosts and distribution of each species; also a table of the fleas' division according to their hosts.
CAND: 1/1	

\*Ya. I. : Kurskaya N. N.

FEDOROV, P.S.; TRIFONOVA, Ye.N.

Phosphorus compounds in the seeds and pollen of parental forms and  
simple corn hybrids. Nauch.dokl.vys.shkoly; biol.nauki no.3 i 178-  
(MIRA 18:8)  
181. '65.

1. Rekomendovana laboratoriya biokhimii i fiziologii rasteniy  
Kirgizskogo nauchno-issledovatel'skogo instituta zemledeliya.

VDOVINA, R.G.; ALEKSEYEV, I.V.; TRIFONOVA, Zh.I.; KARPOVA, A.V.

Synthesis of 2-methyl-1,2-bis-( $\beta$ -pyridyl)-1-propanone,  
a pyridine analog of amphenone. Zin. prikl. khim. 38  
no.11:2607-2609 N '65. (MIRA 23:02)

1. Institut biologicheskoy i meditsinskoy khimii AN SSSR,  
Moskva. Submitted September 17, 1963.

TRIFONOVA, Z. V.

USSR / Microbiology. General Microbiology. Physiology F  
and Biochemistry.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 23929D

Author : Trifonova, Z. V.

Inst : Moscow Veterinarian Academy

Title : The Influence of Carbohydrate and Vitamin  
Nutrition on Cultural-Morphological and Toxic  
Properties of the Fungus Stachybotrys  
alternans

Orig Pub : Avtoref. diss. kand. biol. n., Mosk. vet.  
akad., M., 1958

Abstract : No abstract given

Card 1/1

TRIFONOVA, Z.V.; BARILO, T.M.

Additional sterilization of equipment in the production of  
biomycin at the Petrovskiy Distillery. Sbor. nauch. trud.  
Ivan. sel'khoz. Inst. no.19:120-123 '62. (MIRA 17:1)

1. Petrovskiy spirtovoy zavod.

TRIFONOVA, Z.V., Cand Bio Sci—(disc) "Effect of carbohydrate and  
vitamin nutrition on the <sup>culture-</sup> morphological and toxic properties of  
the fungus *Stachybotrys alternans.*" Mos, 1956. 23 pp (Mos Vet Acad  
of the Min of Agr USSR), 140 copies (KL-22-58,106)

- 64 -

MAYEVSKIY, Ivan Vasil'yevich, prof., doktor ekon. nauk; TRIFSIK,  
G.B., red.; PONOMAREVA, A.A., tekhn. red.

[Technological progress and the increase of labor  
productivity] Tekhnicheskii progress i rost proizvoditel'-  
nosti truda. Moskva, Ekonomizdat, 1963. 202 p.  
(MIRA 16:7)

(Labor productivity)  
(Technology)

KUZNETSOV, A.D.; TRIFSIK, G.B., red.; NEKRASOVA, G.N., mlad. red.;  
GERASIMOVA, Ye.S., tekhn. red.

[Development of productive and nonproductive spheres in  
the U.S.S.R.; regularities of labor distribution in the  
society] Razvitiye proizvodstvennoi i neproizvodstvennoi  
sfer v SSSR; zakonomernosti raspredeleniya truda vnutri  
obshchestva. Moskva, Ekonomika, 1964. 227 p.

(MIRA 17:3)

TATARINOVA, Nadezhda Ivanovna, nauchn. sotr.; TRIFSIK, G.B., red.;  
BAZLOVA, Ya.M., mlad. red.; EL'KINA, E.M., tekhn. red.

[The building of communism and the work of women]  
Stroitel'stvo kommunizma i trud zhenshchin. Moskva,  
Ekonomika, 1964. 111 p. (MIRA 17:2)

KIRICHENKO, Vadim Nikitich; KATS, V.I., doktor ekon. nauk prof.,  
red.; TRIFSIK, G.B., red.; BAZLOVA, Ye.M., mlad. red.

[National wealth of the U.S.S.R.] Natsional'noe bogatstvo  
SSSR. Moskva, Ekonomika, 1964. 213 p. (MIRA 17:11)

PLYSHEVSKIY, Boris Pavlovich, st. nauchn. sotr., kand. ekon. nauk;  
YAREMENKO, Yuriy Vasil'yevich, mlad. nauchn. sotr.; KATS,  
V.I., doktor ekon.nauk, red.; TRIFSIK, G.B., red.; RYABOVA,  
Ye.A., red.; PONOMAREVA, A.A., tekhn. red.

[Regularities of the development of the national product and  
national income] Zakonomernosti dvizheniya obshchestvennogo  
produkta i natsional'nogo dochoda. Moskva, Ekonomizdat,  
1963. 187 p.  
(Gross national product) (Income)

PATRUSHEV, Vasiliy Dmitriyevich, kand. ekon. nauk; TRIFSIK, G.B.,  
red.; GERASIMCOVA, Ye.S., tekhn. red.

[Labor intensity under socialism] Intensivnost' truda pri  
sotsializme. Moskva, Ekonomizdat, 1963. 237 p.  
(MIRA 16:6)  
(Labor and laboring classes)

BARANOV, Dmitriy Andrianovich; TRIFSIK, G.B., red.

[Theory of amortization and technological progress]  
Teoriia amortizatsii i tekhnicheskogo progressa. Moskva,  
Ekonomika, 1965. 173 p.  
(MIRA 18:8)

PESHEKHONOV, Yury Vladimirovich; SHATALIN, Stanislav Sergeyevich;  
TRIFSIK, G.B., red.; BAZLOVA, Ye.M., mlad. red.

[Branch structure of social production; on the analysis  
of the factors and structure of the correlation between  
subdivisions I and II] Otraslevaia struktura obshchestven-  
nogo proizvodstva; k analizu faktorov i struktury sootno-  
sheniiia I i II podrazdelenii. Moskva, Ekonomika, 1965.  
(MIRA 18:9)  
80 p.

VIKENT'YEV, Aleksandr Isayevich; TRIFSIK, G.B., red.; BAZLOVA,  
Ye.M., mlad. red.; PONOMAREVA, A.A., tekhn. red.

[Development of the U.S.S.R. economy and its proportion  
problems] Razvitiye ekonomiki SSSR i problemy proportsional'-  
nosti. Moskva, Ekonomizdat 1963. 250 p. (MIRA 16:12)  
(Russia--Economic policy)

KHROMOV, Pavel Alekseyevich, doktor ekon. nauk, prof.; TRIFSIK,  
G.B., red.; BAZLOVA, Ye.M., mlad. red.; PONOMAREVA, A.A.,  
tekhn. red.

[Labor productivity in the U.S.S.R. industry] Proizvoditel'-  
nost' truda v promyshlennosti SSSR. Moskva, Ekonomizdat,  
1963. 162 p. (MIRA 16:10)  
(Labor productivity)

LAGUTIN, Nikolay Stepanovich. Prinimala uchastiye YEGOROVA, L.A.;  
TRIFSIK, G.B., red.; BAZLOVA, Ye.M., mladshiy red.

[Problems of merging the living standards of workers and  
collective farmers] Problemy sblizheniya urovnia zhizni ra-  
bochikh i kolkhoznikov. Moskva, Ekonomika, 1965. 110 p.  
(MIRA 18:4)

ANTONOVICH, A.V., inzh.; TAIFSIK, M.I., inzh.; TIKHOMIRIN, V.G., kand.  
tekhn. nauk

Study of the operating temperature modes of the prototypes of a GT-  
25-700 gas turbine. Teploenergetika 12 no.5:20-26 My '05. (MIRA 18.5)

1. TSentral'nyy kotloturbinnyy institut.

ANTONOVICH, A.V., inzh.; TRIFSIK, M.I., inzh.; TYRYSHKIN, V.G., kand.tekhn.  
nauk

Study of the variable temperature conditions of the hull  
components of the GT-25-700-1 gas turbine system.  
Energomashinostroenie 11 no.10:28-31 O '65.

(MIRA 18:11)

TRIFSIK, Raya Borisovna; BERLIN, I.I., nauchn. red.

[Natural gas processing] Pererabotka prirodного газа,  
Moskva, TsNIIPI, 1965. 38 p. (MIRA 18:12)

TRIFU, C.

Present problems debated at the plenary meeting. Munca sindic 6 no.10:  
51 0 '62.

TRIFU, Constanta (Bucuresti)

The drive of feed pumps in the high power electric stations.  
Energetica Rum 10 no.7:289-296 Jl '62.

1. Inginer proiectant principal la Institutul de studii si  
proiectari energetice.

DRAGUSIN, I.; TRIFU, D.

Rapid volumetric method for determination of the water  
and SO<sub>3</sub> content in the waste acid from DDT manufacture  
Rev chimie Min petr 15 no. 3: 164 Mr '64.

1. Combinatul chimic, Borzesti.

TRIFU, I.

RUMANIA/Chemical Technology - Chemical Products and Their  
Application - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9745

Author : Trifu I.

Inst : -

Title : Determination of the Quality of Tobacco by Means of a  
Chemical Analysis of Tobacco Smoke.

Orig Pub : Lucrarile inst. cercetari aliment., 1957, 1, 145-162

Abstract : It was ascertained that the total N content of the smoke  
is directly dependent upon its content in the tobacco;  
the nicotine passes in varying amounts into the smoke  
current and there is no correlation whatever between the  
nicotine content of tobacco and the strength of the tobac-  
co that is apparent on inhalation of the smoke; total  
amount of reducing substances in the durrent of smoke does  
not depend on the total content of these substances in the  
tobacco, or on its content of soluble carbohydrates;

Card 1/2

RUMANIA/Chemical Technology - Chemical Products and Their  
Application - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9745

there is no correlation whatever between chemical composition of tobacco and the smoking-test evaluation of its smoke. The quality of tobacco can be determined only by means of a chemical analysis of the current of smoke, and the ratio of total amount of redicing substances to the total content of nitrogen, provides an objective characteristic of quality, not only of individual grades of the raw materials but also of their blends in the finished product, and it reflects even the slight variations in the composition of the same products that are manufactured at different factories.

Card 2/2

END

18

RUMINI/Chemical Technology. Chemical Products and Their  
Application. Food Industry.

H-28

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6444.

Author : Trifu, I.; Dumitrescu, M.; Hodean, I.  
Inst : Lucrarile Inst. cercetari aliment. / .....  
Title : Quality of Bulgarian and Romanian Cigarettes.

Orig Pub: Lucrarile Inst. cercetari aliment., 1958, 2, 275-289.

Abstract: The chemical composition of tobacco and smoke of 20 kinds of Bulgarian cigarettes (BCs) and 10 kinds of Romanian cigarettes (RCs) was studied. No difference in the quality of BCs and RCs of the highest brands was established. The BCs of medium brands are better than the RCs. The difference in quality between the brands of RCs is greater than that between the BCs.

Card : 1/2

RUMJIL/Chemical Technology. Chemical Products and Their Application. Food Industry.

H-28

Abs Jour: Ref Zhur-Khim., No 2, 1959, 644.

The content of nicotine in all the brands of BCs and RCs does not exceed 1%. A greater amount of nicotine and tars passes into the smoke of RCs than into the smoke of BCs. The total content of reducing substances in the smoke of BCs and RCs is large enough, and it is greater in tobacco of BCs than in tobacco of RCs. The main flow of smoke of all BCs and of highest and medium brands of RCs has an acid reaction. - Author's summary.

Card : 2/2

135

TRIFU, F.

RUMANIA/Chemical Technology & Chemical Products and Their  
Application & Food Industry.

H-28

Abs Jour : Re<sup>o</sup> Zhur - Khimiya, No 3, 1958, 97<sup>41</sup>

Author : Trifu I., Carol Ille

Inst : -  
Title : Curing of Newly Harvested Whole Tobacco Plants.

Orig Pub : Lucrarile inst. cercetari aliment., 1957, 1, 163-17<sup>4</sup>

Abstract : Three years of experiments on sun-drying and curing of tobacco of the varieties Virginia Bright, and Yalomitse-Gimpari and Yalomitse-Banat hybrids (harvested as cut leaf and as whole plants), have shown that on harvesting the tobacco as whole plants after full bloom it is possible to obtain from the leaves, after their drying and curing, a product suitable for processing.

Card 1/1

RUMANIA / Chemical Technology, Chemical Products and Their  
Application: Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17467

Author : Trifu, I.

Inst : Not given

Title : Reduction of the Nicotine and Tar Content in Tobacco  
Smoke with the Use of Filters

Orig Pub : Rev. ind. aliment. prod. vegetale, 1958, No 2, 18-19

Abstract : Two types of filters were investigated for the absorption  
of nicotine and of tarry substances from tobacco smoke:  
1) 10 mm long and 8 mm in diameter consisting of  
concentric layers of filter paper and of cotton or  
cellulose stuffing; 2) consisting of 2 layers of rolled  
filter paper (one 15 mm and another 8 mm long) with a  
layer of cellulose stuffing in between. Filters were  
found to retain (depending on cigarette variety) 15.68 -

Card 1/2

RUMANIA / Chemical Technology, Chemical Products and Their  
Application. Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17467

- 31.49% and 61.08 - 80.64% of tars and 26.32 - 40.97%  
and up to 65% of nicotine respectively. -- A. Marin

Card 2/2

H - 123

TRIFU /.

COUNTRY	: Bulgaria	d-28
CATEGORY	:	
AES. JOUR.	: RGZhim., No. 10, 1959, No.	58980
NAME	: <del>DR. V. V. Tsvetkov</del>	
TITLE	: Resin and Nicotine in Cigarette Smoke (Bulgarian Cigarettes are Least Harmful)	
TYPE, PUP.	: Khronicheskaya Promishlennost, 7, No. 12, 1959 (1959)	
TESTS	: For various types of烟 from all countries were selected, and analysis was conducted made from eastern tobacco, cigarette made from Virginia tobacco and from brands of Virginia, curly, and eastern tobaccos, and two brands of filter-tipped cigarettes (Winston and Viceroy). The cigarettes were smoked at 10% moisture content in a 100 mm tube and Knevi [lat] was kept 10 minutes (2 sec draws at 10 sec intervals). The resin content of the main tobacco smoke (diss.) was found to be 21.4-46.7 mg per gm of tobacco	

CARD: 1/6

COUNTRY	Bulgaria	8-25
CLASSIFICATION	:	
AL. JOUR.	: ROKUMA, No. 16 1959, No.	50900
AUTHOR	:	
INST.	:	
TYPE	:	
ORIG. PUB.	:	
ABSTRACT	consumed (exclusive of the weight of the paper). No correlation could be established between the content of chloroform-soluble substances [resins] in the tobacco and the resin content of the MSS. Thus in the case of Viceroy cigarettes, 19.95% of the chloroform-soluble substances are transferred to the MSS (initial content in tobacco 24.5 mg/gm) whereas for Bulgarian <i>zashludzha</i> cigarettes, 51.95% of chloroform-soluble substances are transferred to the MSS. The above variations are explainable	
CARD	2/6	

COUNTRY	:	Bulgaria	R-28
CATEGORY	:		
AB3. JOUR.	:	RZKhim., No. 16 1959, No.	58980
SEARCH	:		
REFS.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	on the basis of different combustion conditions in the cigarettes for the tobacco of different physical properties and of different chemical composition. Of the 42 brands tested, 11 showed a MSS resin content of 21.2-30.2 mg/gm [sic]; 26 showed a resin content of 30.2-40.0 mg/gm; and 5 showed a resin content of over 40 mg/gm in the MSS. The authors cite the data of Hayder (USA) [cheinier?], who points out that a resin content of 15 mg per gm of tobacco consumed in the	
CARD:	3/6		

COUNTRY	:	Bulgaria	4-25
CATEGORY	:		
ABC. JOUR.	:	REKhim., No. 15 1959, No.	58960
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	MSS is the maximum which can be safely permitted for harmless cigarettes. All of the cigarettes tested did not meet this requirement. The lowest resin content in the MSS was observed for cigarettes made from eastern tobaccos, especially Bulgarian tobaccos, and for Viceroy filter cigarettes. The resin content in the MSS of Winston filter-tip cigarettes was found to be higher ( $>2.7 \text{ mg/gm}$ ) than that in the MSS of regular Camel cigarettes, notwithstanding the fact that	

CARD: 4/6

COUNTRY :	Bulgaria	R-25
CATEGORY :		
ABS. JOUR. :	RZKhim., No. 16 1959, No.	53950
AUTHOR :		
BYLINE :		
TITLE :		
ORIG. PUB. :		
ABSTRACT :	Beta carotene or, produced by the same company. Some regular cigarettes show a lower MSS resin content than the Viceroy (e.g., Bulgarian 'special' cigarettes with 21.2 mg/gm). The variation in the nicotine content of the MSS between brands is of the order of 1.59-1.60 mg/gm and markedly exceeds the variation in the resin content. The amount of nicotine transferred to the MSS varied from 24.64 to 64.95% of the nicotine present in the tobacco. The authors note that the	
CARD: 5/6		

COUNTRY	:	Bulgaria	2-28
CATEGORY	:		
ABC, JCUR.	:	RZKhim., No. 16 1959, No.	28930
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	smoke from cigarettes made from eastern tobaccos contains the least amount of nicotine (maximum 5 mg); cigarettes made from Virginia tobacco and 'American-type' cigarettes in general show the highest nicotine content in the smoke (over 6 mg per gm of tobacco consumed). Data on the resin and nicotine content in the MSS of the brands tested in mg per gm of tobacco consumed and in % of the resin and nicotine content of the tobacco are tabulated.	G. Dikker

CARD: 6/6

RUMANIA / Chemical Technology, Chemical Products and Their  
Application. Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17457  
Author : Trifu, I.; Petrescu, M.  
Inst : Not given  
Title : Experiments Involving Tobacco Drying by Infra-Red Rays  
Orig Pub : Lucrarile Inst. cercetari aliment., 1958, 2, 265-274  
  
Abstract : Experiments conducted on the drying of tobacco leaves (of the Gimpats, Virginia, Brant, Banat, Yalomitsa varieties) established the fact that at a distance of 45 cm from the infra-red light source the leaves surface is heated up to 65 - 70°. Good results are obtained when irradiation is applied at intervals (3 min. on 3 min. off), and also when central stem of a leaf is either removed or crushed. With infra-red drying the losses are decreased by 1 - 2%. The absorption of O<sub>2</sub> by tobaccos is not

Card 1/2

RUMANIA / Chemical Technology, Chemical Products and Their  
Application. Food Industry.

H-20

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17457

affected by infra-red drying. The organoleptical properties of the infra-red dried tobaccos are close to those of tobaccos dried by hot flue gases. To dry 1 kg of tobacco (employing irradiation at intervals) the power requirement ranges from 678 to 3628 v [Sic]; and for continuous irradiation from 679 to 7691 v [Sic].

Card 2/2

H-122

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